Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 09 Jul 2023 until 23:59 on Monday 10 Jul 2023

Forecast Issued on Sunday 09 Jul 2023 at 02:27

Confidence: High for unsettled weather to continue for the next few days, but lower confidence in rain and shower details.

Headline for Sunday 09 Jul 2023: Dry to start with some sunny spells, before scattered heavy and thundery showers move in through the late afternoon.

Mountain weather hazards on Sunday 09 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
High Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny intervals	Thundery showers	Thundery showers	Thundery showers (night)
Precipitation probability					
10%	10%	20%	60%	60%	30%

Forecast for Sunday 09 Jul 2023

Weather: Cloudy overnight, with some low cloud and fog affecting higher slopes early on. Low cloud clearing by mid-morning, with one or two breaks in high cloud giving sunny spells through to the early afternoon. Heavy and thundery showers then push in from the southwest through the afternoon, frequent at times, with hail and gusty winds possible. Dry overnight.

Chance of cloud-free hill tops above 600m: 30% becoming 90%.

Low Cloud and visibility: Banks of low cloud will cover higher slopes first thing, with cloud bases down to 300-400m. This should clear by mid-morning, with broken high cloud comfortably above summits, and remaining so for the rest of the day. Visibility generally very good, but falling to poor or very poor in early low cloud and afternoon heavy showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Sunday 09 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 SW	11/14 SW	11/16 SW	9/14 S	8/13 S	6/10 S	8/14 SW
300	8/14 SW	5/10 SW	8/15 SW	6/11 S	5/11 S	4/9 SW	5/13 SW
Valley	5/11 SW	6/11 SW	8/14 SW	6/12 S	5/11 SE	3/8 SE	3/10 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	13/11	16/13	16/14	14/12	12/11	11/9
300	14/13	16/16	19/17	18/17	16/16	13/13	12/11
Valley	15/15	17/17	20/19	20/19	18/17	14/14	13/13
Freezing Level*	2100m	2000m	2300m	2500m	2500m	2300m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy downpours, lightning, hail and gusty winds near showers will make for extremely treacherous walking conditions during the afternoon and evening. High UV levels are forecast, so having sun protection is essential.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 09 Jul 2023	12.6mm	12.6mm	12.8mm

Forecast for Monday 10 Jul 2023

Weather: After a dry start with some sunny spells, showers will develop from mid-morning. A more persistent spell of rain, turning heavy and perhaps thundery at times, is expected during the afternoon, continuing well into the evening.

Maximum wind: South-westerly 12-17 mph, gusting up to 20-25 mph.

Chance of cloud-free hill tops above 600m: 70%.

Low Cloud and visibility: Cloud generally remaining above summits, although lowering in heavy rain during the afternoon and evening, which could see some higher peaks briefly shrouded in cloud at times. Visibility generally good at first, becoming poor in rain and showers later

Temperature: **Valleys:** Plus 13 Celsius, rising to Plus 19 Celsius.
At 600m: Plus 10 Celsius, rising to Plus 14 Celsius.
Freezing level: Above summits.

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